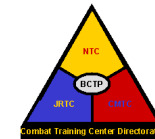# CTC Training Vision

## COL Mike Stark

## Combat Training Center Directorate (CTCD)

## Fort Leavenworth, KS

# Army Transformation and the Changing Operational Environment (OE)

## OE Past

- Echeloned Threat
- Linear-Sequential Operations
- Situational Awareness
- Optimized for Defense
- Fight WARSAW Pact
- Analog

## OE Future

- Adaptive/Learning Threat
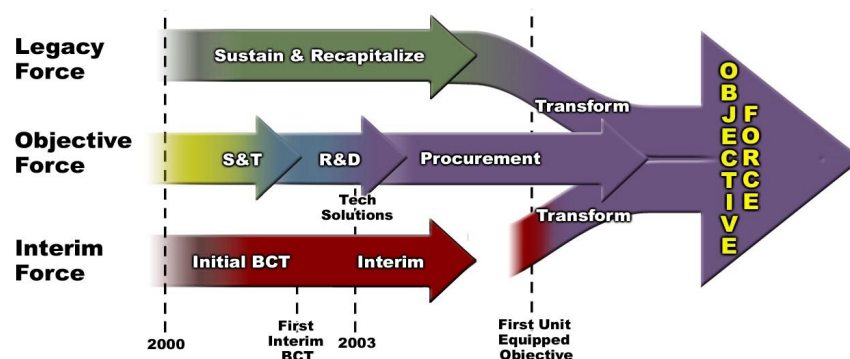- Noncontiguous Simultaneous Ops
- Situational Understanding
- Optimized for Offense
- Full-Spectrum
- Digital

### The Army Transformation

Legacy Force — Sustain & Recapitalize — Transform

Objective Force — S&T — R&D — Tech Solutions — Procurement — Transform

Interim Force — Initial BCT — Interim — Transform

2000 — First Interim BCT — 2003 — First Unit Equipped Objective

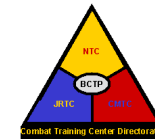OBJECTIVE FORCE

*. . . Responsive, Deployable, Agile, Versatile, Lethal, Survivable, Sustainable.*

## What's the impact on the CTCs and Army training?

# Range of Army Operations

| Military Operations | General U.S. Goal | | Offense | Defense | Stability | Support |
|---|---|---|---|---|---|---|

**War**

**CTCs**

**Fight and Win War**
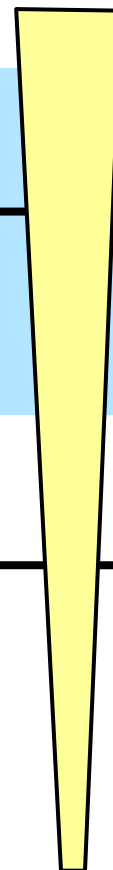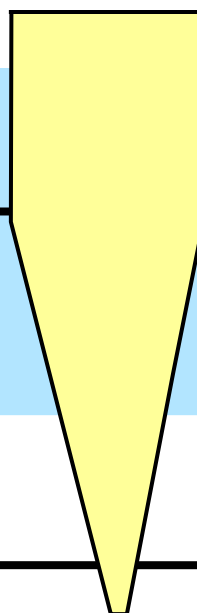
**Deter War and Resolve Conflict**
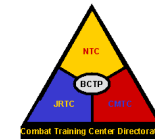
**Military Operations Other Than War**

**Promote Peace**

MTW

SSC

PME

B A S E D on N E E D

MTW- Major Theater of War
SSC- Smaller Scale Contingency
PME- Peacetime Military Engagement

# Threat Tactics

**Adaptive Formations**     **Force Oriented**

**Terrorism**

**I O**     **Established Operations**     **Employ Civilians**

**Deception**     **Dispersed Forces**

**Precision Fires**     **Attack APODs/SPODS**

**Sophisticated Ambushes**     **Night Operations**

**Create Sanctuary in Urban Environments**

**SSC Operating Patterns:** Decentralized operations, use of complex terrain and urban environments for sanctuary, ADA ambushes, extensive CCD, movement timed to ISR patterns, night operations, use of civilian population, manipulating the coalition.

**MRC Operating Patterns:** Integrated combined/joint operations, use of complex terrain and urban environments for sanctuary, extensive CCD, movement timed to ISR patterns, night operations, use of civilian population, manipulating the coalition, extensive IO, adequate power projection, asymmetric means.

## How it will Fight

Threat forces will:
. . . <u>move quickly</u> from their established ends, ways and means;
 . . . employ a defensive strategy, <u>preserving military capability</u> while inflicting as much damage as possible;
. . . <u>portray the established</u> while executing adaptively;
. . . <u>conduct continuous, simultaneous operations</u> throughout the battlespace;
. . .<u>neutralize US advantages </u>to level playing field.

*Objective*
*Opportunity*
*Method*
*End State*

*The Pattern*

- **Transition Operations**
- **Sanctuary Operations**
- **Dispersed Attack**
- **Sophisticated Ambush**
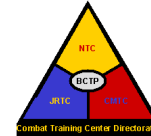
# CTC Transformation
## "Centers of Excellence"
### (Specific focus with full spectrum capabilities)

UNITS

OPS GROUP

OPFOR

TADSS

FACILITIES

**OPFOR**
-Transition Operations
-Sanctuary Operations
-Dispersed Attack
-Sophisticated Ambush

**CMTC(MRC-)**
Focus is
Heavy/Light
Bde Ops

**NTC(MRC)**
Focus is
Heavy/Light
and
Light/Heavy
Bde Ops

**JRTC (SSC+)**
Focus is
Light/Heavy
Bde Ops

**BCTP (MRC+)**
Focus is
Div & Corps
Ops

SASO          SSC          MRC          MTW

x          x x

**Full Spectrum units train at all CTCs**
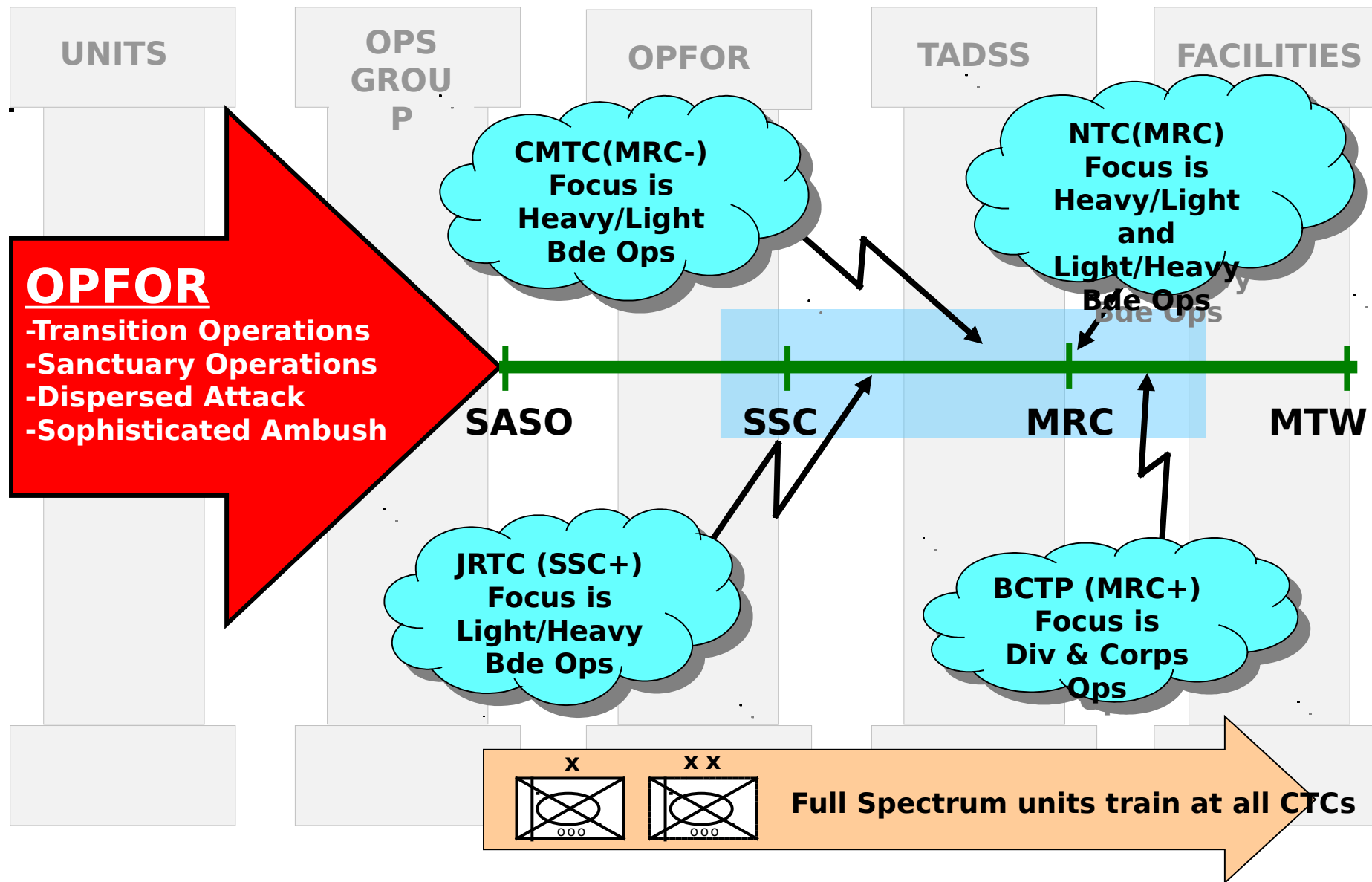
# Full Spectrum Operations

**SASO**  **SSC**  **MRC**  **MTW**

Focus
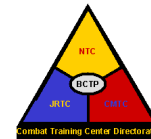
Focus

Focus

Focus

# Modernized Scenarios

**CTCs provide a specific focus by executing four types of military action:**

**Offense - Defense - Stability - Support**

**BCTP**

| Offense | Defense |
|---|---|
| Stability | Sup |

**JRTC**

| Offense | Defense |
|---|---|
| Stability | Sup |

**CMTC**

| Offense | Defense |
|---|---|
| Stability | Sup |

**NTC**

| Offense | Def |
|---|---|
| Stability | Sup |
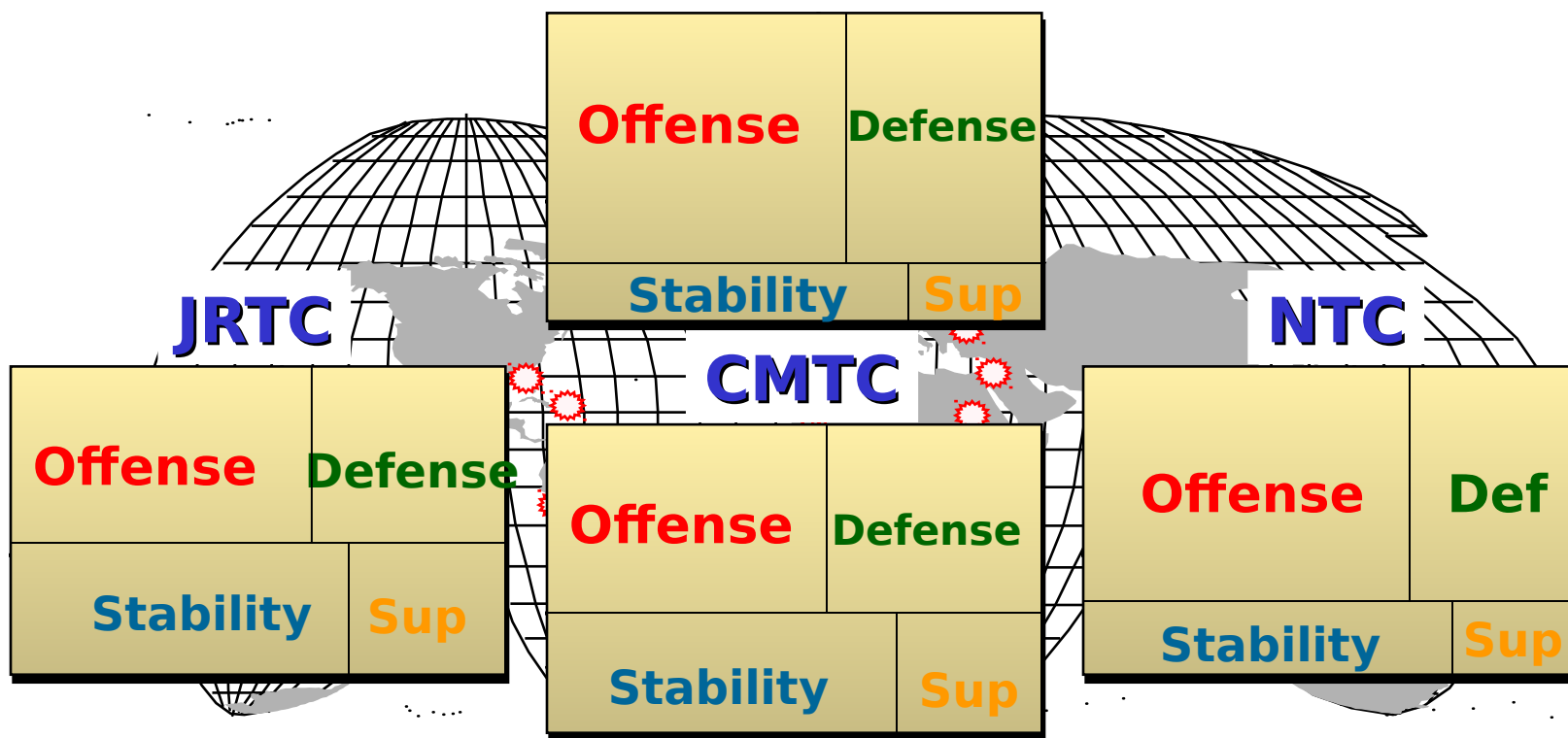
**Full-spectrum capabilities tailored to the training audience, environment, terrain, and OPFOR**

9
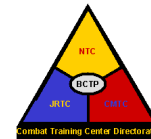
# Training Outcomes

## LEADER

- Critical & Creative Thinking Skills
- Information Synthesis
- Initiative
- Judgment
- Doctrinally Skilled
- Cognitive Resilience
- Adaptive & Flexible
- Unpredictable
- Confident
- Mentally Agile
- Comfortable with Ambiguity

## METRICS

- ✓ See First
- ✓ Understand First
- ✓ Act First
- ✓ Finish Decisively

## UNIT

- Integrated Combined Arms
- ODSS Simultaneously
- Controls the Tempo
- Concentrate Rapidly
- Security Through Movement
- Durable
- Controls Extended Battlespace
- Rapid Transition Operations
- Precisely Apply Lethal and Non-Lethal Force

**Challenge:** How do we implement a COE that causes these to be developed and refined in leaders?

# Training Outcomes

**Mission/METL**

**Training Outcomes/ KSAs**

**Training Objectives**

**COE**

**CTC Rotation**
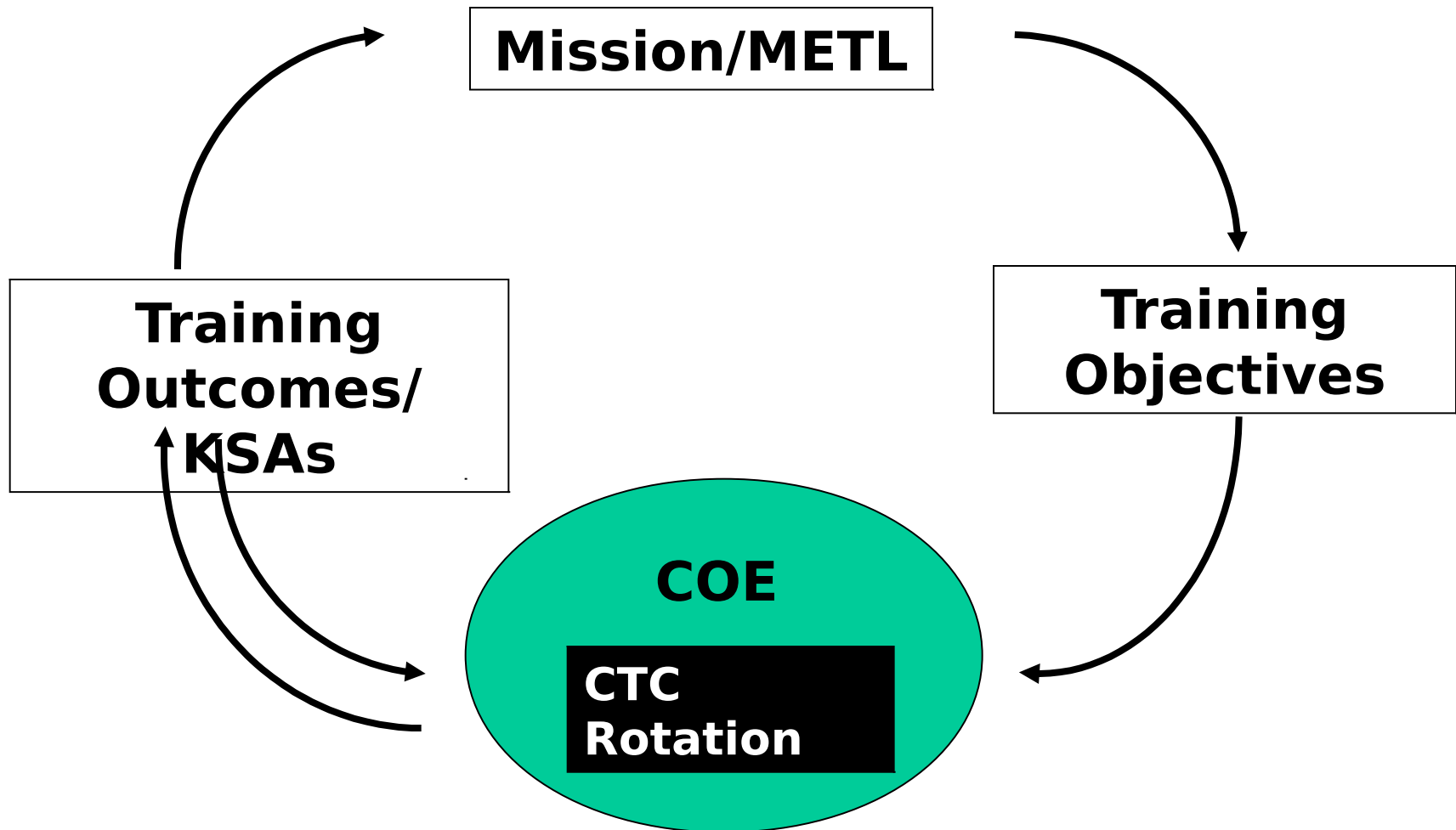
**Training Outcomes** may not be the same as **Training Objectives**

# Impacts of the OE at the CTCs

| Msns | Variables | CTC Environment | OPFOR Capabilities |
|------|-----------|-----------------|--------------------|

**O D S S**

*Training Outcomes/Msns*

**Variables**
- Phys Environment
- Nature/Stability of State
- Demographics
- Regional/Global Relationships
- Military Capabilities
- Information
- Technology
- Supra-National Organizations
- National Will
- Time
- Economics

**CTC Environment**

Complex Terrain (MOUT) Weather

Para Military
COBs
Criminals
Special Police
Terrorists

Coalition/Alliance Operations, ROE

IO/Media

NGOs/PVOs

Acceptance of Casualties

Strategic Responsiveness (DEPLOYEX)

Infrastructure

**OPFOR Capabilities**

Digital C2
Mobile Reserves
Long Range Arty/TBMs
WMD
Precision Munitions
Night Vision Capabilities
Adaptive Patterns (Learning OPFOR)
Counter-Air/Missile
Deception
Dispersed/Decentralized Operations
Information Warfare (Perception Mngt)
UAVs

# Application to the CTC Environment
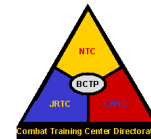
*"Variables have different degrees of impact within the spectrum of conflict"*

**MTW**

**MRC**

**SSC**

**SASO**

Larger

Constant

Smaller

CTC Spectrum of Conflict
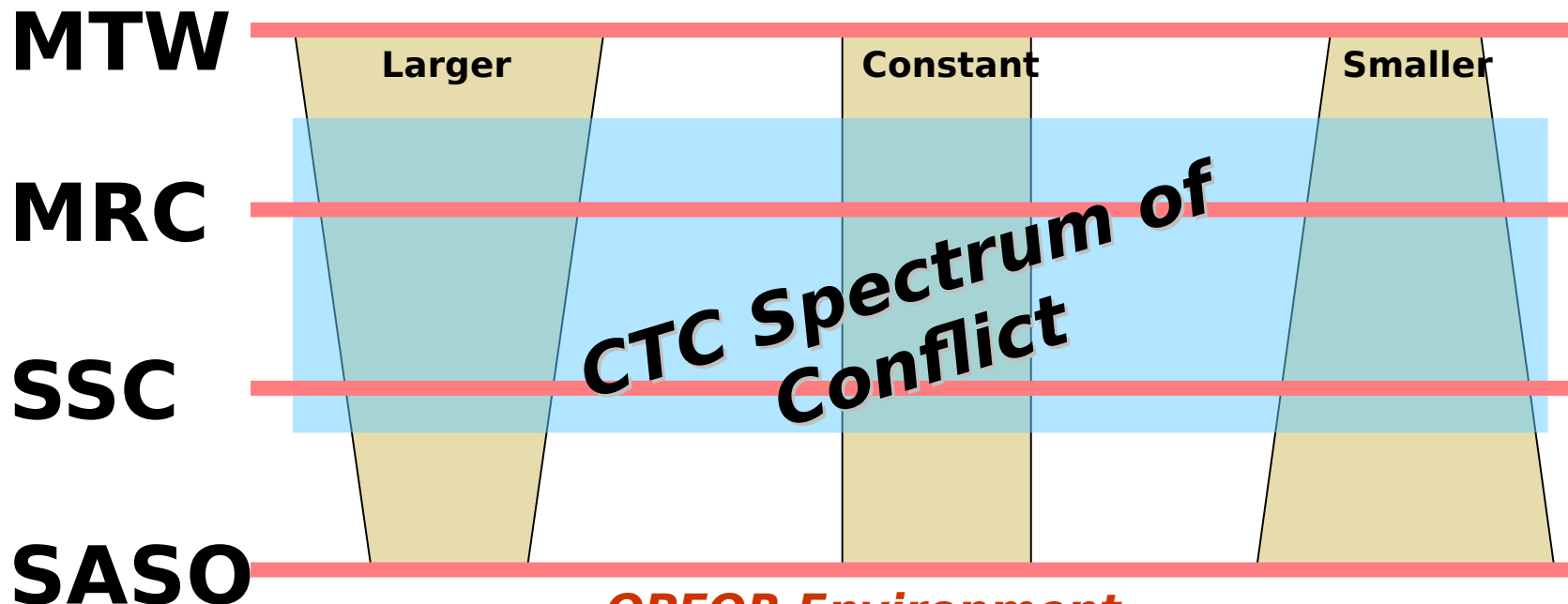
## OPFOR Environment

**Mechanized Reserves**
**Camouflage,**
**Concealment**
**& Deception**
**Dispersed &**
**Decentralized Ops**
**Precision Munitions**
**Counter-Precision**
**Long Range Artillery**

**Complex**
**Terrain**
**Terrorists**
**Urban**
**Insurgents**
**MANPADs**
**C3 Enhance**
**FLIR**
**IW**

**Civil**
**Populace**
**Media**
**NGOs/PVOs**
**Criminals**
**Special**
**Police**

# COE Resourcing and Training Risk Assessment
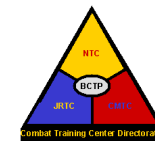
| Training Program | Resources Required CTC | HS | INST | Risk | Mitigation of Training Risk |
|---|---|---|---|---|---|
| High-Intensity Fight | X | X | X | Low | Train at all three |
| Mid-Intensity Fight | X | X | X | Medium | Train at all three |
| Low-Intensity Fight | X | X | X | Medium | Train at all three |
| Stability and Support Operations | X | X | X | Medium | Train at all three |
| Red Doctrine | X | X | X | Low | Used at all three |
| Blue Doctrine | X | X | X | Low | Used at all three |
| ABCS | X | X | X | High | Train as you fight |
| Instrumentation | X | X | | Medium | CTCs = Fixed Instrumentation; HS = Deployable |
| Programs of Instruction (POIs) | | | X | Low | Funded to update COE |
| Scenarios | X | X | | Medium | Update to include COE |
| Training Products | X | X | X | Low | TSPs, MTPs, SMs, Drills, CATS |
| Mobile Training Teams | X | X | X | Low | Provide Training at all three |
| MOUT | X | X | | Medium | Train at CTCs and HS |
| Land Expansion | X | | | Medium | Train at CTCs for doctrinal distances and realism |
| Combined Arms Ranges | X | X | | Medium | Train at CTCs and HS |
| OPFOR R/W Attack Aviation | X | | | Medium | Train at HS using organic helos |
| OPFOR UAV | X | | | Medium | Train only at CTCs and in CPXs |
| OPFOR RISTA Systems | X | X | | High | Provide limited number of weapons to HS TASC for training |
| OPFOR C3 | X | X | | High | Provide limited number of weapons to HS TASC for training |
| Information Warfare | X | | | High | Train using organic HS systems and personnel |

# COE Resourcing and Training Risk Assessment (Cont)
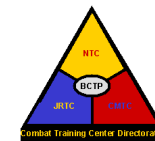
| Training Program | Resources Required CTC | HS | INST | Risk | Mitigation of Training Risk |
|---|---|---|---|---|---|
| Electronic Warfare | X | | | Medium | Train using organic HS systems and personnel |
| Advanced Infantry Weapons | X | X | | High | Provide limited number of weapons to HS TASC for training |
| Civilians on the Battlefield | X | | | Low | Train using organic HS personnel and equipment |
| Media Teams | X | | | Low | Train using organic HS personnel and equipment |
| Directed Energy Weapons | | | | Low | Accept risk until threat matures |
| OPFOR Surrogate IFVs | X | | | Low | HS training using VISMOD kits at TASC |
| OPFOR Surrogate Tanks | X | | | Low | HS training using VISMOD kits at TASC |
| OPFOR Surrogate Wheels | X | | | Medium | Train at HS using organic vehicles for OPFOR |
| OPFOR MANPADs | X | X | | High | Provide limited number of weapons to HS TASC for training |
| OPFOR Engineer Operations | X | X | | Medium | HS units augment CTC and HS training |
| OPFOR Infantry Operations | X | X | | Medium | HS units augment CTC and HS training |
| OPFOR CC&D | X | X | | High | Provide limited number of decoys to HS TASC for training |
| Countermeasures | X | X | | High | Provide limited number of systems to HS TASC for training |
| GPS Electronic Attack | X | X | | High | Provide limited number of systems to HS TASC for training |
| Simulations | X | X | X | High | Provide capability to represent COE in emerging simulations |
| Simulators | | X | X | High | Provide capability to represent COE in emerging simulators |

# Implementation Timeline

|  | FY 01 | FY 02 | FY 03 | FY 04 |
|---|---|---|---|---|
|  | 1Qtr 2 Qtr 3 Qtr 4 Qtr | 1Qtr 2 Qtr 3 Qtr 4 Qtr | 1Qtr 2 Qtr 3 Qtr 4 Qtr | 1Qtr |

**BCTP**

**NTC**

**JRTC**

**CMTC**

Phased implementation consistent with current "how to fight" doctrine

- MOUT Ops
- COBs
- Terrorists
- WMD
- Evolving Tactics
- IO

DCX II (4ID)

D-180 LTP    NTC 03-05 (1/4 ID)

D-180 LTP    JRTC 03-05 (172 SIB)

D-180 LTP    CMTC 03-02 (2/1 ID)

**OPFOR DOCTRINE**

- **FM 7-100** (Doctrinal Framework and Strategy)
- **FM 7-100.1** (Operations)
- **FM 7-100.2** (Tactics)
  - **FM 7-100.3** (Paramilitary and Nonmilitary Org & Tactics)
  - **FM 7-100.4** (Organization Guide)
  - **FM 7-100.5** (Worldwide Equipment Guide)

**BLUE DOCTRINE**

- Warfighting
- Training
- Leader Development

- **FM 3.0** (Operations)
  - **FM 3-90** (Tactics)
  - **FM 3-91.3** (Ar/Mech Bde Ops)
    - **FM 7-0** (Training the Force)
    - **FM 3-13** (Info Ops)
      - **FM 3-07** (Stab Ops & Spt Ops)
        - **FM 3-06** (Urban Operations)
          - **FM 3-91** (Div Ops)
- **FM 6-22** (Army Leadership)
  - **FM 7-10** (Battle Focused Trng)
  - **FM 3-92** (Corps Ops)

★ **AC Implementation**   X **ARNG Implementation**   ✳ **On hold, pending corps redesign**

# COE Implementation Timeline

|  | FY 01 | FY 02 | FY 03 | FY 04 |
|---|---|---|---|---|
| | 1Qtr  2 Qtr  3 Qtr  4 Qtr | 1Qtr  2 Qtr  3 Qtr  4 | 1Qtr  2 Qtr  3 Qtr  4 | 1Qtr |

## BCTP

**Phased implementation consistent with current "how to fight" doctrine**

DCX II (4ID)

## NTC

D-180 LTP

NTC 02-08 (2/4 ID)

## JRTC

- **MOUT Ops**
- **COBs**
- **Terrorists**
- **WMD**
- **Evolving Tactics**
- **IO**

D-180 LTP    JRTC 03-05 (172 SIB)

## CMTC

D-180 LTP    CMTC 03-02 (2/1 ID)

- **FM 7-100** (Doctrinal Framework and Strategy)
- **FM 7-100.1** (Operations)
- **FM 7-100.2** (Tactics)

### OPFOR DOCTRINE

- **FM 7-100.3** (Paramilitary and Nonmilitary Org & Tactics)
- **FM 7-100.4** (Organization Guide)
- **FM 7-100.5** (Worldwide Equipment Guide)

- **FM 3.0** (Operations)
- **FM 6-22** (Army Leadership)

### BLUE DOCTRINE

- **FM 3-90** (Tactics)
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- **Warfighting**
- **Training**
- **Leader**

**Development**

★ **AC Implementation**    X **ARNG Implementation** ✻ **On hold, pending corps redesign**